

## Product datasheet for **TP726783**

### IL1 alpha (IL1A) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Interleukin-1 alpha/IL-1 alpha (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ser113-Ala271
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5.
Note:	Recombinant Human Interleukin-1 alpha is produced by our Mammalian expression system and the target gene encoding Ser113-Ala271 is expressed with a Fc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	3552
UniProt ID:	<a href="#">P01583</a>
Summary:	Interleukin-1 alpha (IL1 $\alpha$ ) is a cytokine member of the interleukin-1 family. IL-1 consists of two distinct forms: IL1 $\alpha$ and IL1 $\beta$ that recognize the same cell surface receptors but are distinct proteins with approximately 25% amino acid sequence identity. IL1 $\alpha$ is constitutively produced by epithelial cells and plays an essential role in maintenance of skin barrier function. Upon stimulation, a wide variety of cells including osteoblasts, monocytes, macrophages can be induced to express IL1 $\alpha$ . IL1 $\alpha$ possesses a wide range of metabolic, physiological, haematopoietic activities, and is critically involved in the regulation of the immune responses and inflammatory responses.



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